

**Claims**

1. A method for configuring an anchor node in a communication network, the method comprising the steps of:

first requesting to initiate a communication session for a first terminal via a communication management node of said communication network;

first establishing, at an anchor node, a binding for the first terminal upon request by said communication management node;

forwarding said first requesting to initiate from said communication management node based on the established binding towards a second terminal;

acknowledging said first requesting to initiate by said second terminal to said communication management node; and

second establishing, at said anchor node, a binding for the second terminal upon request by said communication management node.

2. A method according to claim 1, wherein said step of requesting to initiate comprises a step of

indicating to said communication management node, at least the addresses of the terminals to be involved in the communication session.

3. A method according to claim 2, wherein said step of indicating further comprises informing a port number for said communication session of said first terminal.

4. A method according to claim 1, wherein said steps of establishing the bindings comprise the step of associating an alias to said respective terminal.

5. A method according to claim 4, wherein said steps of establishing the bindings further comprise the step of

storing the associated alias for the respective terminal at said anchor node.

6. A method according to claim 1, wherein

said step of acknowledging further comprises a step of informing a port number for said communication session of said second terminal.

7. A method according to claim 1, further comprising a step of

notifying said first terminal of the initiation of the session using the binding for said second terminal.

8. A method according to claim 1, further comprising steps of

second requesting to terminate the communication session for the first terminal via the communication management node of said communication network,

forwarding said second requesting to terminate from said communication management node based on the established binding towards the second terminal,

acknowledging said second requesting to terminate by said second terminal to said communication management node,

first releasing, at the anchor node, the binding for the first terminal upon request by said communication management node, and

second releasing, at said anchor node, the binding for the second terminal upon request by said communication management node.

9. A method according to claim 8, wherein said steps of releasing comprise a step of

deleting the associated alias for the respective terminal at said anchor node.

10. A method of communicating data in an established communication session between a first terminal and a second terminal in a communication network, the method comprises the steps of:

transmitting the data to be communicated from the first terminal to an anchor node, the anchor node configured to store a table of respective bindings for the terminals;

relaying the data to be communicated from the anchor node towards a filtering node of said network using the configured bindings for the terminals; and

filtering, at said filtering node, said data to be communicated based on the bindings for said terminals.

11. A method according to claim 10, wherein said step of filtering further comprises

passing said data to be communicated through said filtering node onwards to the second terminal based on the binding, if such binding exists among the configured bindings.

12. A method according to claim 10, wherein said step of filtering further comprises

blocking said data from being communicated through said filtering node to the second terminal based on the binding, if such binding does not exist among the configured bindings.

13. An anchor node in a communication network, comprising:

a receiver for receiving a first binding request for establishing a first binding for a first terminal

requesting a communication session initiation from a communication management node;

a processor for establishing the first binding for said first terminal in response to said received binding request and returning said binding to said communication management node;

said receiver receiving a second binding request for establishing a second binding for a second terminal to be involved in the communication session from the communication management node; and

said processor establishing the second binding for the second terminal upon request by said communication management node.

14. An anchor node according to claim 13, wherein

said processor comprises an allocating device associating an alias to said respective terminal when establishing the binding.

15. An anchor node according to claim 14, further comprising

a memory storing the associated alias for the respective terminal.

16. An anchor node in a communication network, the anchor node comprising:

a receiver receiving data to be communicated from the first terminal to a second terminal;

a memory storing a table of respective configured bindings for the terminals; and

a processor relaying the data to be communicated towards a filtering node of said network using the configured bindings for the terminals.

17. A filtering node in a communication network, the filtering node comprising:

a receiver receiving data to be communicated from a first terminal to a second terminal, the data being received from an anchor node maintaining bindings for the terminals;

a processor analyzing the bindings for said terminals;  
and

a filter filtering said data dependent on the result of the analysis.

18. A filtering node according to claim 17, wherein

said filter passes said data to be communicated onwards to the second terminal based on the binding, if such binding exists among the configured bindings at the anchor node.

19. A filtering node according to claim 17, wherein

said filter blocks said data from being communicated onwards to the second terminal based on the binding, if such binding does not exist among the configured bindings at the anchor node.

20. A method according to claim 10, wherein said step of relaying comprises a step of address translation based on the configured bindings.

21. An anchor node according to claim 16, wherein said processor comprises an address translator which performs an address translation based on the configured bindings.

22. A system for configuring an anchor node in a communication network, the system comprising:

first requesting means for first requesting to initiate a communication session for a first terminal via a

communication management node of said communication network;

first establishing means for first establishing at an anchor node, a binding for the first terminal upon request by said communication management node;

forwarding means for forwarding said first requesting to initiate from said communication management node based on the established binding towards a second terminal;

acknowledging means for acknowledging said first requesting to initiate by said second terminal to said communication management node; and

second establishing means for second establishing at said anchor node, a binding for the second terminal upon request by said communication management node.

23. The system according to claim 22, further comprising:

second requesting means for second requesting to terminate the communication session for the first terminal via the communication management node of said communication network;

forwarding means for forwarding said second requesting to terminate from said communication management node based on the established binding towards the second terminal;

acknowledging means for acknowledging said second requesting to terminate by said second terminal to said communication management node;

first releasing means for first releasing, at the anchor node, the binding for the first terminal upon request by said communication management node; and

second releasing means, at said anchor node, the binding for the second terminal upon request by said communication management node.

24. A system of communicating data in an established communication session between a first terminal and a second terminal in a communication network, the system comprising:

transmitting means for transmitting the data to be communicated from the first terminal to an anchor node, the anchor node configured to store a table of respective bindings for the terminals;

relaying means for relaying the data to be communicated from the anchor node towards a filtering node of said network using the configured bindings for the terminals; and

filtering means for filtering, at said filtering node, said data to be communicated based on the bindings for said terminals.